

REMARKS

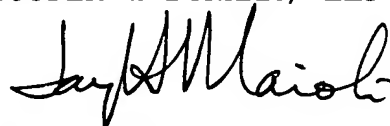
Claims 1-15 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicant is a citizen and resident of Japan and this application originated there.

Accordingly, the amendments to the specification are made to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE ABSTRACT OF THE DISCLOSURE

The Abstract of the Disclosure has been amended as follows:

--A [hand-off] mobile communication system [dispensing execution of] performing complex processes at both base station and terminal [side,] sides and reducing interference originated when monitoring a neighboring base station. A radio communication terminal is provided [comprising] including a receiver unit using a transmission suspending period generated as a result of the reception of compressed data frames, and [yet,] based on [such] a function for measuring an actual intensity of a data signal from neighboring base stations using different frequencies and [also, based] on the measured result[,] controls a transmitting and/or receiving [means] device to switch a base station transmitting and/or receiving the actual data. Also[, there is provide] provided is a CPU for detecting that the [radio] terminal remains in a non-mobile condition and [then transmits] for transmitting the data signal indicating [this] the non-mobile condition to a switched base station. In response to the non-mobile condition data [from the radio terminal notifying this condition], the base station continuously transmits radio data frames to the [radio communication] terminal without providing [such] a transmission suspending period.--

IN THE CLAIMS

Claims 1-15 have been amended as follows:

--1. (Amended) A communication system, comprising:
a plurality of relaying base stations continuously transmitting a data frame and a compressed data frame, the compressed data frame being generated as a result of compressing [said] the data frame as required for providing a period without data transmission; and

a mobile communication terminal [comprising], including:

[a] transmitting [and/or] and receiving means for transmitting [and/or] data to and receiving actual data [to/from said] from the plurality of relaying base stations under a specific frequency;

[a] signal strength measuring means for measuring an intensity of a data signal transmitted from [a] one of the plurality of relaying base [station] stations having a different frequency[,] by utilizing [said] the period without data transmission generated by reception of [said] the compressed data frames via [said] the transmitting [and/or] and receiving means;

[a] controlling means for controlling a frequency of the data signal transmitted and received by [said] the transmitting [and/or] and receiving means based on a result of measurement by [said] the signal strength measuring means[,] and [then] for switching a relaying base station transmitting [and/or] and receiving the actual data;

[a] detecting means for detecting [that said] whether the mobile communication terminal is in an approximately non-mobile condition; and

[a] non-mobile condition information transmitting means for transmitting [via said transmitting and/or receiving means] information on the detected approximately non-mobile condition [detected by said detecting means] to [a] the relaying base station transmitting [and/or] and receiving the actual data[;] via the transmitting and receiving means, wherein

[said] the relaying base station continuously transmits [a] the data frame without providing [said] the period without data transmission[,] based on the information on the approximately non-mobile condition from [said] the mobile communication terminal.

--2. (Amended) The communication system according to Claim 1, wherein each of [said] the plurality of relaying base stations generates [said] the compressed data frame from [said] the data frame under a compressed mode.

--3. (Amended) The communication system according to Claim 1, wherein [said] the non-mobile condition information transmitting means transmits information on the approximately non-mobile condition to [said] the plurality of relaying base stations before starting transmission [and/or] and reception of the actual data.

--4. (Amended) The communication system according to Claim 1, further comprising [an] operating means for inputting external information [on] regarding the approximately non-mobile condition, wherein [said] the detecting means detects the input of information [on] regarding the approximately non-mobile condition[, the input] performed through [said] the operating means.

--5. (Amended) The communication system according to Claim 1, wherein [said] the detecting means detects [a] the approximately non-mobile condition by detecting [that said] whether the communication terminal is loaded onto a fixing apparatus.

--6. (Amended) The communication system according to Claim 5, wherein [said] the fixing apparatus comprises a station unit connected to a computer and transfers data between [said] the loaded communication terminal and [said] the computer[, wherein said]; and the communication terminal [can be] is freely [attached/detached to/from said] attached to and detached from the fixing apparatus.

--7. (Amended) The communication system according to Claim 1, wherein [said] the communication terminal comprises a portable telephone set and [said] the actual data [comprises] includes telephone call data.

--8. (Amended) A communication method, comprising[;
a transmitting step for] the steps of: continuously
transmitting from a relaying base station a data frame and a
compressed data frame generated by compressing [said] the data
frame as required for providing a period without data
transmission;

[a signal strength measuring step for] measuring an
intensity of a data signal transmitted from [a] the relaying
base station having a different frequency[,] by utilizing
[said] the period without data transmission generated by
reception of [said] the compressed data frame via [a]
transmitting [and/or] and receiving means transmitting actual
data to and receiving actual data [to/from] from a plurality
of relaying base stations under a specific frequency; and

[a base-station] selecting [step for] the base station by
controlling the frequency of transmission and reception of
[said] the transmitting [and/or] and receiving means of [said]
the communication terminal based on a measurement result of
[said] the signal strength measurement step and switching [a]
the relaying base station transmitting [and/or] and receiving
the actual data[;], wherein

[said] the communication terminal detects whether [said]
the communication terminal is [on] in an approximately
non-mobile condition[,] and [then] transmits via [said] the
transmitting [and/or] and receiving means information on
[said] the detected approximately non-mobile condition to
[said] the relaying base station transmitting [and/or] and

receiving actual data; and

[said] the relaying base station continuously transmits a plurality of data frames without providing [said] the period without data transmission during [said] the transmitting step[,] based on [said] the information on the approximately non-mobile condition transmitted from [said] the communication terminal.

--9. (Amended) A communication terminal transmitting [and/or] a data signal to and receiving the data signal [to and to/from] from a relaying base station from a plurality of relaying base stations, [said] each relaying base station continuously transmitting a data frame and a compressed data frame generated by compressing [said] the data frame as required for providing a period without data transmission, the communication terminal comprising:

[a] transmitting [and/or] and receiving means for transmitting [and/or] actual data to and receiving the actual data [to and] from [said] one of the plurality of relaying base [station] stations under a specific frequency;

[a] signal strength measuring means for measuring a strength of the data signal from a neighboring relaying base station using a different frequency by utilizing [said] the period without data transmission generated as a result of reception of [said] the compressed data frame via [said] the transmitting [and/or] and receiving means;

[a] controlling means for controlling a frequency of the

data signal from [said] the transmitting [and/or] and receiving means based on a measurement result of [said] the signal strength measuring means and for switching the relaying [a] base station transmitting [and/or] and receiving the actual data;

[a] detecting means for detecting an approximately non-mobile condition; and

[a] non-mobile condition information transmitting means transmitting via [said] the transmitting [and/or] and receiving means information [on] regarding the approximately non-mobile condition detected by [said] the detecting means to [said] the relaying base station transmitting [and/or] and receiving the actual data[;], wherein

[said] the relaying base station continuously transmits the data frame without providing [said] the period without data transmission[,] based on received information [on] regarding the approximately non-mobile condition.

--10. (Amended) The communication terminal according to Claim 9, wherein [said] the switched relaying base station generates [said] the compressed data frame from [said] the data frame by applying a compressed mode.

--11. (Amended) The communication terminal according to Claim 9, wherein [said] the non-mobile condition information transmitting means transmits [said] the information on the approximately non-mobile condition before starting

transmission [and/or] and reception of the actual data.

--12. (Amended) The communication system according to Claim 9, further comprising [an] operating means for inputting external information [on] regarding the approximately non-mobile condition, wherein [said] the detecting means detects the input of the information [on] regarding the approximately non-mobile condition[,]; and the input is performed through [said] the operating means.

--13. (Amended) The communication system according to Claim 9, wherein [said] the detecting means detects [an] the approximately non-mobile condition by detecting that [said] the communication terminal is loaded onto a fixing apparatus.

--14. (Amended) The communication system according to Claim 13, wherein [said] the fixing apparatus comprises a station unit connected to a computer and transfers data between [said] the loaded communication terminal and [said] the computer[, wherein said]; and the communication terminal [can be] is freely [attached/detached to/from said] attached to and detached from the fixing apparatus.

--15. (Amended) The communication terminal according to Claim 9, wherein [said] the communication terminal comprises a portable telephone set and [said] the actual data comprises telephone call data.--